For Research Use Only

ERp72 Monoclonal antibody, PBS Only

Antibodies | ELISA kits | Proteins
www.ptglab.com

Catalog Number:66365-1-PBS

Basic Information

Catalog Number:
66365-1-PBS

Size:
1 mg/ml

Source:
Mouse

Isotype:
IgG1

Immunogen Catalog Number:
AG6873

GenBank Accession Number:
BC000425

GeneID (NCBI):
9601

UNIPROT ID:
P13667

Full Name:
protein disulfide isomerase family A, member 4

Calculated MW:
73 kDa

Observed MW:
72 kDa

Purification Method:
Protein G purification

CloneNo.:
1D5F3

Applications

Tested Applications:
WB,Indirect ELISA,IHC

Species Specificity:
human

Background Information

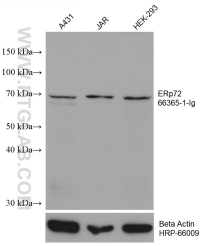
PDIA4 (Protein disulfide-isomerase A4) is also named ERP70, ERP72, and belongs to the protein disulfide isomerase family. It catalyzes the rearrangement of -S-S- bonds in proteins. ERp72 is a soluble protein localized in the ER lumen and contains the COOH-terminal retention signal, KEEL. There are 6 cysteine residues in the amino acid sequences of mouse and human ERp72. All of the cysteine residues occur in the internal thioredoxin motif, CGHC(PMID:15475357). The full-length protein has a signal peptide with 20 amino acids.

Storage

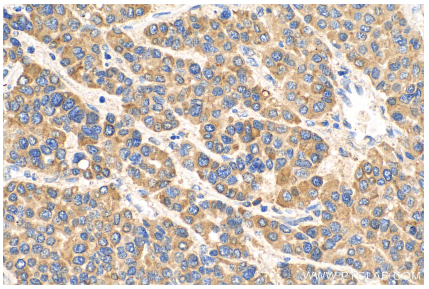
Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C
Storage Buffer:
PBS Only

For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 66365-1-Ig (ERp72 antibody) at dilution of 1:4900 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated Beta Actin Monoclonal antibody (HRP-66009) as loading control. This data was developed using the same antibody clone with 66365-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 66365-1-Ig (ERp72 antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 66365-1-PBS in a different storage buffer formulation.